

# Plants for saline sites

About one-third of Australia consists of naturally occurring salt-affected land, with an additional 4 million hectares of human-induced saline soils. The prognosis is for worsening salinity problems in Australia, despite many land management initiatives to stop this trend. Revegetating cleared land with deep-rooted trees and shrubs assists in lowering watertables, and helps to stop the spread of dryland salinity. Salt-tolerant shrubs and groundcover can also be used to stabilise salt-scalded land in agricultural areas. The native plants in this list can be used to revegetate salt-affected land, or they can be planted where borewater is saline. Trials have shown that some plants tolerate highly (H) salinised (>8 dSiemens/m) soils, while most prefer low (L: 2-4 dSiemens/m) to moderate (M: 4-8 dSiemens/m) salinity levels (listed species without a category have yet to be extensively trialled). Different provenances (regions where a species occurs naturally) of particular species may differ in salt-tolerance. For large-scale reclamation projects on salinized land there are several books and fact-sheets available from PIRSA. Much of the information for this section was taken from *Trees for Saltland: a guide to selecting native species for Australia*. Mascar et al. (1995) CSIRO, Canberra.

- *Acacia acuminata* (M)
- \**Acacia cyclops* (M)
- *Acacia howittii*
- \**Acacia iteaphylla* (M)
- *Acacia ligulata*
- *Acacia longifolia* var. *sophorae* (M)
- *Acacia mearnsii* (L)
- *Acacia melanoxylon* (L)
- *Acacia notabilis*
- *Acacia oswaldii*
- *Acacia papyrocarpa*
- *Acacia pendula*
- *Acacia pycnantha*
- *Acacia retinodes* (H)
- *Acacia salicina* (H)
- *Acacia stenophylla* (H)
- *Acacia victoriae*
- *Actinostrobilus pyramidalis*
- *Allocasuarina luehmannii* (M)
- *Allocasuarina verticillata* (M)
- *Alyogyne hakeifolia*
- *Astartea fascicularis*
- *Atriplex amnicola* (H)
- *Atriplex cinerea* (M)
- *Atriplex nummularia* (H)
- *Atriplex rhagodioides* (M)
- *Atriplex semibaccata*
- *Banksia ericifolia*
- *Banksia grandis*
- *Banksia integrifolia*
- *Banksia marginata*
- *Banksia occidentalis*
- *Banksia praemorsa*
- *Banksia prionotes*
- *Brachychiton populneus*
- *Brachychiton rupestris*
- *Casuarina cunninghamiana* (M)
- *Casuarina obesa* (H)
- *Casuarina pauper* (H)
- *Callistemon citrinus*
- *Callistemon salignus*
- *Callistemon viminalis*
- *Callitris glaucophylla*
- *Callitris rhomboidea*
- *Corymbia maculata*
- *Disphyma crassifolium* ssp. *clavellatum* (H)
- *Enchylaena tomentosa* (H)
- *Eremophila bisserata*
- *Eremophila divaricata* (M)
- *Eremophila maculata*
- *Eucalyptus albopurpurea*
- *Eucalyptus astringens* (M)
- *Eucalyptus botryoides* (M)
- *Eucalyptus brockwayi* (M)
- *Eucalyptus burdettiana*

- *Eucalyptus calycogona*
- *Eucalyptus camaldulensis* (M)
- *Eucalyptus camaspe* (H)
- *Eucalyptus cinerea* (L)
- *Eucalyptus cladocalyx* (L)
- *Eucalyptus coolabah* ssp. *arida* (M)
- *Eucalyptus conglobata*
- *Eucalyptus cornuta* (L)
- *Eucalyptus crenulata* (L)
- *Eucalyptus dumosa* (L)
- *Eucalyptus eremophila*
- *Eucalyptus erythrocorys*
- *Eucalyptus flocktoniae*
- *Eucalyptus forrestiana*
- *Eucalyptus gardneri*
- *Eucalyptus globulus* (L)
- *Eucalyptus gomphocephala*
- *Eucalyptus gracilis*
- *Eucalyptus grandis* (L)
- *Eucalyptus incrassata*
- *Eucalyptus intertexta*
- *Eucalyptus kondininensis* (H)
- *Eucalyptus largiflorens* (M)
- *Eucalyptus leptophylla*
- *Eucalyptus lesouefii*
- *Eucalyptus leucoxydon* (M)
- *Eucalyptus macrandra*
- *Eucalyptus melliodora* (M)
- *Eucalyptus microcarpa*
- *Eucalyptus occidentalis* (H)
- *Eucalyptus oleosa*
- *Eucalyptus ovata* (L)
- *Eucalyptus petiolaris* (H)
- *Eucalyptus platypus* (M)
- *Eucalyptus porosa* (M)
- *Eucalyptus robusta*
- *Eucalyptus salubris*
- *Eucalyptus sargentii* (H)
- *Eucalyptus sideroxydon*
- *Eucalyptus spathulata* (H)
- *Eucalyptus stricklandii*
- *Eucalyptus torquata*
- *Eucalyptus* 'Torwood'
- *Eucalyptus woodwardii*
- *Frankenia pauciflora* (M)
- *Isopogon nodosa*
- *Isopogon cuneatus*
- *Isopogon dubius*
- *Isopogon latifolius*
- *Juncus kraussii*
- *Kunzea baxteri*
- *Kunzea pomifera*
- *Lagunaria patersonii*
- *Leucophyta brownii*
- *Maireana brevifolia*
- \**Melaleuca armillaris* (M)
- *Melaleuca bracteata* (M)
- *Melaleuca brevifolia* (M)
- *Melaleuca decussata* (H)
- *Melaleuca gibbosa*
- *Melaleuca glomerata*
- *Melaleuca halmaturorum* (H)
- *Melaleuca huegelii*
- *Melaleuca lanceolata* (H)
- *Melaleuca linariifolia* (M)
- *Melaleuca microphylla*
- *Melaleuca nesophila*
- *Melaleuca pentagona*
- *Melaleuca squarrosa* (H)
- *Melaleuca styphelioides*
- *Melaleuca uncinata* (H)
- *Myoporum acuminatum*
- *Myoporum insulare*
- *Myoporum* 'Monaro Marvel'
- *Myoporum parvifolium* (L)
- *Myoporum platycarpum*
- *Pimelea ferruginea*
- *Pittosporum phylliraeoides*
- *Rhagodia spinescens*
- *Scaevola crassifolia*
- *Senna artemisioides* (most ssp.)
- *Tetragonia tetragonoides*

\*These plants have been identified as potentially invasive in some areas